



## ENVIRONMENTAL CONTROL TECHNOLOGY

### Associate in Science

Certificate of Achievement

**29 Units**

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The Environmental Control Technology Program provides occupational training to prepare students for jobs in the HVAC/R (heating, ventilation, air conditioning and refrigeration) industry, including the green economy sector (energy auditing). As a CTE program with an industry advisory council that meets annually and communicates regularly, Oxnard College has developed an educational partnership with the area's HVAC/R industry

JOB TITLES	AVERAGE SALARY	PROJECTED JOBS	PROJECTED GROWTH
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#### Heating and Air Conditioning Mechanic

**\$21.10/hr.-\$43,880 123,700 +16-21%**

Heating, air conditioning, and refrigeration mechanics and installers work on heating, ventilation, cooling, and refrigeration systems that control the temperature and air quality in buildings. They study blueprints, design specifications, or manufacturers' recommendations for heating or cooling equipment components to ensure the proper installation. They install auxiliary components to equipment, such as expansion or discharge valves, air ducts, pipes, blowers, or flues.

#### Energy Auditors

**\$31.78/hr.-\$66,090 209,400 +3-7%**

Conduct energy audits of buildings, building systems, or process systems. May also conduct investment grade audits of buildings or systems. Identify and prioritize energy saving measures, and educate customers on energy efficiency and answer questions on topics such as the costs of running household appliances or the selection of energy efficient appliances.

#### Plant Maintenance

**\$22.04/hr.-\$45,840 447,600 +17%**

HVAC/R workers work in industrial plants and factories where they maintain and repair heating, air conditioning, refrigeration, and ventilation equipment and machinery. They must follow safety precautions and use protective equipment such as hardhats, safety glasses and hearing protectors.

